LABDEX

Double Pier Shaking Incubator LX100DPI

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Description

Double Pier Shaking Incubator LX100DPI is a floor-type shaking incubator with P.I.D. Environmental Scanning microprocessor controller and LCD screen for simultaneous display of working & set parameters. The outer chamber comprises powder-coated steel and the inner chamber comprises stainless steel with a Fluorescent lamp and UV lamp. Features with various types of alarm functions such as high/low limit over temperature acoustic & visual alarm, high/low limit over speed alarm, electric current leakage and overload protection, motor over-heat protection and automatic power cut-off in case of temperature out of control or abnormal over-temperature.

Specifications

Capacity	365 L
Temp. range	RT +5℃-60℃
Control	P.I.D. (Environmental scanning microprocessor)
Display	LCD
Convection	High speed circulation
Oscillation mode	Orbital
Drive	Single-shaft balance device
Working environment	Temperature: 15°C~35°C; Humidity: 20%-90%
Door	Double doors
Temp. accuracy	±0.1℃
Temp. uniformity	
Speed range	30-300rpm
Speed accuracy	±1rpm
Oscillation amplitude	Φ25mm
Timing range	0-999.59 hr
Platform size	750 x 468 x 70 mm
Platform quantity	1 x Dual-deck platform
Chamber material	Polished SUS304 stainless steel

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Construction	Powder coated steel
Power	930 W
Power supply	AC 200~240V 50-60HZ; AC110V/60Hz
Chamber dimensions (W x D x H)	860 x 590 x 720 mm
Overall dimensions	1000 x 730 x 1480 mm
Net weight	378 kg
Packing dimensions	1120 x 900 x 1600 mm
Gross weight	410 kg

Features

- Built-in mono color backlight LCD display, acoustic and visual alarms function and P.I.D. Environmental Scanning Microprocessor controller
- Having AC inductive long-life brushless motor, with wide speed regulation, constant torque, constant speed of rotation and maintenance-free
- Speed range extensible to 50-300rpm and timer up to 999.59 hours
- Equipped with a large toughened glass window to view temperature, speed and time
- Power-failure recovery, parameter memory, temperature/speed calibration, time display, and room/working temperature display
- 120W AC inductive long-life brushless motor, with wide speed regulation, constant torque, constant speed of rotation, and maintenance-free
- Designed with single-shaft 5-dimensions technology, quiet and durable
- Repeat, increment (step) and 8-segment curve programming setting
- The acceleration control circuit ensures a soft start, smooth acceleration and the safety of samples

Applications

- Double Pier Shaking Incubator used in the Pharmaceutical industry, Microbiology, Biotechnology, Fermentation industry etc.

Standard Accessories

- Fluorescent lamp x 2 Pcs
- UV lamp x 2 Pcs
- Dual deck flask shaking platform x 1 Pcs

- Flask clamps (One size offered as standard configuration)

Optional Accessories

- 7-inch touch screen LCD display
- Dual deck flask shaking platform (with 1 universal spring platform +1 flask shaking platform)
- LED culture lighting system
- Tube rack
- Microplate rack

Configuration

Flask specification	Maximum capacity
50 ml	158
100 ml	120
250 ml	84
500 ml	56
1000 ml	30

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